

DAILY FIELD ACTIVITY REPORT

PROJECT NAME: Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

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| DATE: July 21, 2018 | WEATHER: Sunny High ~ 80 degrees F |
| Personnel and Visitors Onsite: Research vessel Methow – <u>CDM Smith</u> : Mary Lou Fox; <u>Geosyntec</u> : Erin Dunbar; <u>AECOM</u> : Mark Tauscher; <u>Gravity Marine</u> : Renea Trudeau; Pete Jenkins | |
| Planned Activity: <ul style="list-style-type: none"> Collect surface sediment samples at stratified random sample (SRS) locations on upriver reaches and a sediment management area (SMA) sample near Vigor.. | |
| Activity Completed: A tailgate safety meeting was led by AECOM. Topics discussed included the expected hot weather, and weekend recreational activities on the river. Mary Lou Fox performed oversight of surface sediment sampling from 08:00 to 1705 on board the Methow. Specific activities completed by the AECOM/Geosyntec team, with vessel support from Gravity Marine, are as follows: <ul style="list-style-type: none"> Position checks at PH-2 in the morning and evening indicated that the vessel GPS was reading within 1.5 meters of the PH-2 survey coordinates, meeting the 1-2 m accuracy specification in the FSP. Two 3-point surface sediment samples from D/U locations near RM 19.6 W and RM 20.5 W were collected as summarized below. One 3-point surface sediment samples from SMA location SG-S181 near Vigor was collected as summarized below. Activities included decontamination of sampling equipment using Alconox and deionized/distilled water and housekeeping of the sampling area. | |
| Status of Schedule & Priority Work: <ul style="list-style-type: none"> Sediment coring will be conducted on 7/22/2018 and continue through Thursday. The Pre-RD Group will resume surface sediment sampling on 7/27/2018. | |
| Issues/Concerns/Resolutions (include work performed that was not planned or anticipated): <ul style="list-style-type: none"> The polygon for proposed location B473 was a narrow strip along the western shore in the area of pilings and other structures Six grabs with all weights added to the power grab sampler after the second grab in the 25 and 50 foot radii within the polygon boundaries did not yield good sediment recovery with sticks/rocks/ wood pieces in the jaws or an empty sampler in 5 of the 6 attempts and 19 cm of sediment in the 6th. The near-shore edge of the polygon placed the location in water too deep for probing. Also, a lot of speed boats were on the water recreationally generating many wakes. The location was left (with intention that probing could be done in other area of the polygon at a later date when recreational activity on the river would be less) to collect the SMA sample near Vigor. | |
| Samples Collected, Measurements Made, Photographs: (List Locations, Matrix & Sample type): From the upriver reach, <ul style="list-style-type: none"> SG-B471, 25-foot radius, ~ RM 19.6 W, very dark gray slightly sandy silt , one small work=m was observed- ~65% fines SG-B472 -25-foot radius, ~ RM 20.2, very soft silty fine sand, ~45% fines SG-S181, 25 foot radius, ~ near Vigor, very soft silty fine sand, ~45% fines Photographs of work were taken throughout the day and provided to EPA via email. Additional photos were taken and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder. | |
| Borings Completed (Include total footage drilled for each boring): None | |
| Wastes Generated and How Handled: <ul style="list-style-type: none"> Excess sediment and debris from today's sampling activities was rinsed back into the river per the FSP. No sheen was observed today. Disposable gloves, paper towels, and other general trash was containerized in a trash bag and removed daily for disposal to a municipal waste management dumpster. | |

Health and Safety Issues, Equipment Needs, Staffing:

None observed

Signature: Mary Lou Fox

DATE July 21, 2018